

Columbia Gas Transmission, LLC
FERC NGA Gas Tariff
Baseline Tariffs

Proposed Effective Date: November 1, 2022
Master PAL Agreement No. 157980-1 – DTE Energy Trading, Inc.
Transaction Confirmation Sheets Nos. 14142, 14254, 14262 and 14276

Option Code A

MASTER PAL AGREEMENT

THIS MASTER PAL AGREEMENT ("Agreement") is made and entered into this 26 day of September, 2019, by and between COLUMBIA GAS TRANSMISSION, LLC ("Transporter") and DTE ENERGY TRADING, INC. ("Shipper").

WITNESSETH: That in consideration of the mutual covenants herein contained, the parties hereto agree as follows:

Section 1. Service to be Rendered. Transporter shall perform and Shipper shall receive service in accordance with the provisions of the effective PAL Rate Schedule and the applicable General Terms and Conditions of Transporter's FERC Gas Tariff, Fourth Revised Volume No. 1 ("Tariff"), on file with the Federal Energy Regulatory Commission ("Commission"), as the same may be amended or superseded in accordance with the rules and regulations of the Commission. Transporter shall park or loan quantities of gas for Shipper as specified in the Transaction Confirmation Sheet for each parking and lending transaction, each of which shall be incorporated into this Service Agreement.

Section 2. Term. Service under this Agreement shall commence as of September 26, 2019, and shall continue from month to month thereafter until terminated by either Transporter or Shipper upon thirty days prior notice.

Section 3. Rates. Shipper shall pay Transporter the rates as set forth in the Transaction Confirmation Sheet. Transporter may agree to discount its rate to Shipper below Transporter's maximum rate, but not less than Transporter's minimum rate. Such discounted rate may apply to: (a) specified quantities (contract demand or commodity quantities); (b) specified quantities above or below a certain level or all quantities if quantities exceed a certain level; (c) quantities during specified time periods; (d) quantities at specified points, locations, or other defined geographical areas; (e) that a specified discounted rate will apply in a specified relationship to the quantities actually transported (i.e., that the reservation charge will be adjusted in a specified relationship to quantities actually transported); (f) production and/or reserves committed by the Shipper; and (g) based on a formula including, but not limited to, published index prices for specific receipt and/or delivery points or other agreed-upon pricing points, provided that the resulting rate shall be no lower than the minimum nor higher than the maximum applicable rate set forth in the Tariff. In addition, the discount agreement may include a provision that if one rate component which was at or below the applicable maximum rate at the time the discount agreement was executed subsequently exceeds the applicable maximum rate due to a change in Transporter's maximum rate so that such rate component must be adjusted downward to equal the new applicable maximum rate, then other rate components may be adjusted upward to achieve the agreed overall rate, so long as none of the resulting rate components exceed the maximum rate applicable to that rate component. Such changes to rate components shall be applied prospectively, commencing with the date a Commission order accepts revised tariff sections. However, nothing contained herein shall be construed to alter a refund obligation under applicable law for any period during which rates, which had been charged under a discount agreement, exceeded rates which ultimately are found to be just and reasonable.

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at DTE Energy Trading, Inc., 414 South Main, Suite 200, Ann Arbor, MI 48104, Attention: Joshua Nichols, until changed by either party by written notice.

Section 5. Transaction Confirmation Requirement. Shipper must execute a Transaction Confirmation Sheet for each parking and lending transaction in order to receive service under this Agreement. On the Shipper's behalf, Transporter will complete the rate, quantity, and other terms required by the Transaction Requirement Sheet consistent with the agreed upon transaction. The completed Transaction Confirmation Sheet will be automatically e-mailed to the Shipper and Shipper may choose one of the following two methods of execution (check selection):

Transaction Confirmation Sheet will be deemed executed if not disputed in writing within 2 business days.

Shipper must physically execute and return or transmit the executed electronic or paper copy of the Transaction Confirmation Sheet to Transporter.

Section 6. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): PAL No. 157980, Revision No. 0.

DTE ENERGY TRADING, INC.

By Dave Keenan
Title Gas Scheduler
Date September 26, 2019

COLUMBIA GAS TRANSMISSION, LLC

By Carol Wehlmann
Title Manager
Date September 25, 2019

TRANSACTION CONFIRMATION SHEET NO. 14142
TO MASTER PAL AGREEMENT NO. 157980

COMPANY: Columbia Gas Transmission, LLC

COMPANY'S ADDRESS: 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services

SHIPPER: DTE Energy Trading, Inc.

SHIPPER'S ADDRESS:
414 South Main
Suite 200
Ann Arbor, MI 48104

TERM COMMENCEMENT DATE: 11/1/2022

TERM ENDING DATE: 11/30/2023

TYPE OF TRANSACTION (check applicable blank): PARK ; LOAN

SCHEDULE FOR SERVICE:

Maximum Quantity Parked/Loaned (Dth): 300,000

Minimum Quantity Parked/Loaned (Dth): 300,000

<u>Begin Date</u>	<u>End Date</u>	<u>Point of Service</u>	<u>Daily Quantity Delivered to Transporter</u>		<u>Daily Quantity Received from Transporter</u>	
			<u>Maximum (Dth)</u>	<u>Minimum (Dth)</u>	<u>Maximum (Dth)</u>	<u>Minimum (Dth)</u>
11/01/2022	11/30/2022	P1046727	10,000	10,000	0	0
12/01/2022	10/31/2023	P1046727	0	0	0	0
11/01/2023	11/30/2023	P1046727	0	0	10,000	10,000

RATES:

The maximum Account Balance Charge set forth in the Tariff from time to time shall apply to all service provided under this Master PAL Agreement; provided, Transporter and Shipper may agree to discount the Account Balance Charge in accordance with Transporter's Tariff and Section 3 of the Master PAL Agreement, which discounted Account Balance Charge shall be set forth on this Transaction Confirmation Sheet.

If applicable, the discounted Account Balance Charge for the specified quantities and time periods set forth in the Schedule for Service stated above shall be as set forth below:

<u>Begin Date</u>	<u>End Date</u>	<u>Account Balance Charge (per Dth)</u>
11/01/2022	11/30/2022	\$ -0.0968
12/01/2022	11/30/2023	\$ 0.0000

If quantities exceed the maximum daily quantities or do not meet the minimum daily quantities agreed to on the above Schedule of Service for any day, the maximum Account Balance Charge set forth in the tariff from time to time shall apply to the account balance on that day. In no event is Transporter obligated to provide service under this Master PAL Agreement for time periods outside the above term commencement and ending dates.

DTE Energy Trading, Inc.

COLUMBIA GAS TRANSMISSION, LLC

By _____

By Daniel Junek _____

Title _____

Title _____

Date _____

Date 06/23/2022 1:39:11 PM _____

TRANSACTION CONFIRMATION SHEET NO. 14254
TO MASTER PAL AGREEMENT NO. 157980

COMPANY: Columbia Gas Transmission, LLC

COMPANY'S ADDRESS: 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services

SHIPPER: DTE Energy Trading, Inc.

SHIPPER'S ADDRESS:
414 South Main
Suite 200
Ann Arbor, MI 48104

TERM COMMENCEMENT DATE: 10/1/2022

TERM ENDING DATE: 4/30/2023

TYPE OF TRANSACTION (check applicable blank): PARK ; LOAN

SCHEDULE FOR SERVICE:

Maximum Quantity Parked/Loaned (Dth): 310,000

Minimum Quantity Parked/Loaned (Dth): 279,000

<u>Begin Date</u>	<u>End Date</u>	<u>Point of Service</u>	<u>Daily Quantity Delivered to Transporter</u>		<u>Daily Quantity Received from Transporter</u>	
			<u>Maximum (Dth)</u>	<u>Minimum (Dth)</u>	<u>Maximum (Dth)</u>	<u>Minimum (Dth)</u>
10/01/2022	10/31/2022	P1046727	11,000	9,000	0	0
11/01/2022	03/31/2023	P1046727	0	0	0	0
04/01/2023	04/30/2023	P1046727	0	0	11,000	9,000

RATES:

The maximum Account Balance Charge set forth in the Tariff from time to time shall apply to all service provided under this Master PAL Agreement; provided, Transporter and Shipper may agree to discount the Account Balance Charge in accordance with Transporter's Tariff and Section 3 of the Master PAL Agreement, which discounted Account Balance Charge shall be set forth on this Transaction Confirmation Sheet.

If applicable, the discounted Account Balance Charge for the specified quantities and time periods set forth in the Schedule for Service stated above shall be as set forth below:

<u>Begin Date</u>	<u>End Date</u>	<u>Account Balance Charge (per Dth)</u>
10/01/2022	10/31/2022	\$ 0.0000
11/01/2022	11/20/2022	\$ -0.1250
11/21/2022	04/30/2023	\$ 0.0000

If quantities exceed the maximum daily quantities or do not meet the minimum daily quantities agreed to on the above Schedule of Service for any day, the maximum Account Balance Charge set forth in the tariff from time to time shall apply to the account balance on that day. In no event is Transporter obligated to provide service under this Master PAL Agreement for time periods outside the above term commencement and ending dates.

DTE Energy Trading, Inc.

COLUMBIA GAS TRANSMISSION, LLC

By _____

By Daniel Junek _____

Title _____

Title _____

Date _____

Date 09/02/2022 10:27:52 AM _____

TRANSACTION CONFIRMATION SHEET NO. 14262
TO MASTER PAL AGREEMENT NO. 157980

COMPANY: Columbia Gas Transmission, LLC

COMPANY'S ADDRESS: 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services

SHIPPER: DTE Energy Trading, Inc.

SHIPPER'S ADDRESS:
414 South Main
Suite 200
Ann Arbor, MI 48104

TERM COMMENCEMENT DATE: 10/1/2022

TERM ENDING DATE: 4/30/2023

TYPE OF TRANSACTION (check applicable blank): PARK ; LOAN

SCHEDULE FOR SERVICE:

Maximum Quantity Parked/Loaned (Dth): 310,000

Minimum Quantity Parked/Loaned (Dth): 279,000

<u>Begin Date</u>	<u>End Date</u>	<u>Point of Service</u>	<u>Daily Quantity Delivered to Transporter</u>		<u>Daily Quantity Received from Transporter</u>	
			<u>Maximum (Dth)</u>	<u>Minimum (Dth)</u>	<u>Maximum (Dth)</u>	<u>Minimum (Dth)</u>
10/01/2022	10/31/2022	P1046727	10,000	9,000	0	0
11/01/2022	03/31/2023	P1046727	0	0	0	0
04/01/2023	04/30/2023	P1046727	0	0	11,000	9,100

RATES:

The maximum Account Balance Charge set forth in the Tariff from time to time shall apply to all service provided under this Master PAL Agreement; provided, Transporter and Shipper may agree to discount the Account Balance Charge in accordance with Transporter's Tariff and Section 3 of the Master PAL Agreement, which discounted Account Balance Charge shall be set forth on this Transaction Confirmation Sheet.

If applicable, the discounted Account Balance Charge for the specified quantities and time periods set forth in the Schedule for Service stated above shall be as set forth below:

<u>Begin Date</u>	<u>End Date</u>	<u>Account Balance Charge (per Dth)</u>
10/01/2022	10/31/2022	\$ 0.0000
11/01/2022	11/10/2022	\$ -0.1950
11/11/2022	04/30/2023	\$ 0.0000

If quantities exceed the maximum daily quantities or do not meet the minimum daily quantities agreed to on the above Schedule of Service for any day, the maximum Account Balance Charge set forth in the tariff from time to time shall apply to the account balance on that day. In no event is Transporter obligated to provide service under this Master PAL Agreement for time periods outside the above term commencement and ending dates.

DTE Energy Trading, Inc.

COLUMBIA GAS TRANSMISSION, LLC

By _____

By Daniel Junek _____

Title _____

Title _____

Date _____

Date 09/06/2022 2:41:45 PM _____

TRANSACTION CONFIRMATION SHEET NO. 14276
TO MASTER PAL AGREEMENT NO. 157980

COMPANY: Columbia Gas Transmission, LLC

COMPANY'S ADDRESS: 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services

SHIPPER: DTE Energy Trading, Inc.

SHIPPER'S ADDRESS:
414 South Main
Suite 200
Ann Arbor, MI 48104

TERM COMMENCEMENT DATE: 10/1/2022

TERM ENDING DATE: 4/30/2023

TYPE OF TRANSACTION (check applicable blank): PARK ; LOAN

SCHEDULE FOR SERVICE:

Maximum Quantity Parked/Loaned (Dth): 465,000

Minimum Quantity Parked/Loaned (Dth): 155,000

<u>Begin Date</u>	<u>End Date</u>	<u>Point of Service</u>	<u>Daily Quantity Delivered to Transporter</u>		<u>Daily Quantity Received from Transporter</u>	
			<u>Maximum (Dth)</u>	<u>Minimum (Dth)</u>	<u>Maximum (Dth)</u>	<u>Minimum (Dth)</u>
10/01/2022	10/31/2022	P1046727	20,000	5,000	0	0
11/01/2022	03/31/2023	P1046727	0	0	0	0
04/01/2023	04/30/2023	P1046727	0	0	17,500	15,000

RATES:

The maximum Account Balance Charge set forth in the Tariff from time to time shall apply to all service provided under this Master PAL Agreement; provided, Transporter and Shipper may agree to discount the Account Balance Charge in accordance with Transporter's Tariff and Section 3 of the Master PAL Agreement, which discounted Account Balance Charge shall be set forth on this Transaction Confirmation Sheet.

If applicable, the discounted Account Balance Charge for the specified quantities and time periods set forth in the Schedule for Service stated above shall be as set forth below:

<u>Begin Date</u>	<u>End Date</u>	<u>Account Balance Charge (per Dth)</u>
10/01/2022	10/31/2022	\$ 0.0000
11/01/2022	11/10/2022	\$ -0.1600
11/11/2022	04/30/2023	\$ 0.0000

If quantities exceed the maximum daily quantities or do not meet the minimum daily quantities agreed to on the above Schedule of Service for any day, the maximum Account Balance Charge set forth in the tariff from time to time shall apply to the account balance on that day. In no event is Transporter obligated to provide service under this Master PAL Agreement for time periods outside the above term commencement and ending dates.

DTE Energy Trading, Inc.

COLUMBIA GAS TRANSMISSION, LLC

By _____

By Daniel Junek _____

Title _____

Title _____

Date _____

Date 09/19/2022 10:00:37 AM _____